

## II. In the Claims (Clean Sheet)

1. A vaccine for the prevention of *Campylobacter* colonization in animals consisting essentially of an effective amount of chicken antiserum raised against a flagellaless *Campylobacter* strain wherein the antiserum recognizes a 97 kD (+/-5 kD), a 60 kD (+/-5 kD), and a 13 kD (+/-3 kD) band on a Western Blot, the vaccine substantially free of anti-flagellar antibodies.
2. A vaccine according to claim 1 wherein the flagellaless *Campylobacter* strain is *campylobacter jejuni*.
3. A vaccine according to Claim 2 wherein the flagellaless *Campylobacter jejuni* strain is strain R2.
9. A vaccine for the prevention of *Campylobacter jejuni* colonization in poultry comprising an effective amount of chicken antibodies against the antigenic protein consisting essentially of a protein of a *Campylobacter* having a molecular weight of 97 kD (+/- 5kD), whereby it is visible in a Western blot with antibodies against a flagellaless mutant of *Campylobacter jejuni* and that it is not visible after incubation of said blot with antibodies against the wild type *Campylobacter jejuni*, the vaccine substantially free of anti-flagellar antibodies.
18. A vaccine for the prevention of *Campylobacter* colonization in animals consisting essentially of an effective amount of antiserum raised against a flagellaless

*Campylobacter* strain wherein the antiserum recognizes a 97 kD ( $\pm 5$  kD), a 60 kD ( $\pm 5$  kD), and a 13 kD ( $\pm 3$  kD) band on a Western Blot, the vaccine substantially free of anti-flagellar antibodies.